

Name \_\_\_\_\_ Period \_\_\_\_\_

## The Dirt on Soil

Go to the following website:

<http://school.discovery.com/schooladventures/soil/>

1. Click on the “Down and Dirty Icon.”

Note: When you click on underlined words, a definition or new description appears.

A. Define the following words:

Horizon

Soil profile

Humus

Parent material

B. Explain the difference between topsoil and subsoil.

2. Click on “A Recipe for Soil.”

A. Why is there no soil on Mars or Venus?

B. Explain physical weathering.

C. Explain chemical weathering.

3. Click on “Name that Soil.”

A. List the sizes for the following soil particles:

Gravel

Sand

Silt

Clay

B. State TWO facts for EACH of the following soil types:

Sand

Silt

Clay

Loam

4. Click on the “Field Guide” Icon.

A. For EACH of the following organisms, state TWO facts.

Amoeba

Bacteria

Beetle mite

Eastern mole

Nematode

Night crawler

Root fungus

5. Once you have gotten this far, you can explore the site more by clicking on the “Soil Safari” icon. Follow the directions on the website. You are NOT to go to any other websites.

If you find the target match, raise your hand to show me. I will sign below indicated that you did correctly find the target match, and you will earn 2 bonus points.

Signature of Mrs. Amos \_\_\_\_\_